

Paper #3

Sheet 1 of 1

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | ATTORNEY DOCKET NO. 1217.1009 FIRST NAMED INVENTOR Nobuhiro II et al. FILING DATE Herewith | APPLICATION NO. <div style="font-size: 1.5em; font-weight: bold;">09/674175</div> GROUP ART UNIT |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|-----------------|------|------|-------|---------------|----------------|
| | AA | | | | | |
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FOREIGN PATENT DOCUMENTS

| DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|-----------------|----------|---------|-------|---------------|-----------------------|
| AG | 09/09/88 | Japan | | | Abstract |
| AH | 02/18/91 | Japan | | | Abstract |
| AI | 03/04/94 | Japan | | | Abstract |
| AJ | 06/10/94 | Japan | | | Abstract |
| AK | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

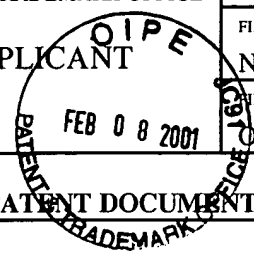
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| EXAMINER <div style="font-size: 1.2em; font-family: cursive;">Ramesh Patel</div> | DATE CONSIDERED <div style="font-size: 1.2em; font-family: cursive;">2/11/04</div> |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper #4

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | | |
| FIRST NAMED INVENTOR Nobuhiro II et al. | | GROUP ART UNIT 2121 |
| FILING DATE October 27, 2000 | | |

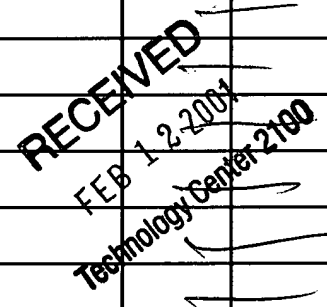


U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|-----------------|-----------|----------|---------|---------------|----------------|
| <i>RL</i> | AA | 5,613,100 | 03/18/97 | Anezaki | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
|-----------|-----------------|-----------|----------|-------------------------------|---------------|-------------|----|
| | | | | | | YES | NO |
| <i>RL</i> | AB | 5-22309 | 01/29/93 | Japan (w/partial translation) | — | Abstract | |
| | AC | 6-164673 | 06/10/94 | Japan (w/partial translation) | — | Abstract | |
| | AD | 7-225831 | 08/22/95 | Japan (w/partial translation) | — | Abstract | |
| | AE | 7-248981 | 09/26/95 | Japan (w/partial translation) | — | Abstract | |
| | AF | 10-105214 | 04/24/98 | Japan | — | Abstract | |
| | AG | 10-224386 | 08/21/98 | Japan | — | Abstract | |
| | AH | 54-95148 | 07/27/79 | Japan | — | Abstract | |
| | AI | 63-108407 | 05/13/88 | Japan | — | Abstract | |
| | AJ | 1-307846 | 12/12/89 | Japan | — | Abstract | |
| | AK | 7-79246 | 03/20/95 | Japan | — | Abstract | |
| | AL | 8-212112 | 08/20/96 | Japan | — | Abstract | |
| | AM | 9-81226 | 03/28/97 | Japan | — | Abstract | |
| | AN | 9-91012 | 04/04/97 | Japan | — | Abstract | |
| | AO | 9-160610 | 06/20/97 | Japan | — | Abstract | |
| | AP | 9-237115 | 09/09/97 | Japan | — | Abstract | |
| <i>✓</i> | AQ | 63-27942 | 02/24/88 | Japan (w/partial translation) | — | Abstract | |



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| EXAMINER <div style="font-size: 1.5em; font-family: cursive;">Remon Patel</div> | DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">2/11/04</div> |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Report #5

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1217.1009

APPLICATION NO.

09/674,175

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Nobuhiro II et al.

FILING DATE

October 27, 2000

GROUP ART UNIT

2121

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U.S. PATENT DOCUMENTS

Group 2100

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| | AA | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|----|--|-----------------|----------|-----------------------|-------|---------------|-----------------------|--|
| AB | | 5-304695 | 11/16/93 | Japan (with Abstract) | | | partial | |
| AC | | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AD | "AUTOMATION", Published November 1996, Vol. 41, No. 11, pages 47-53 and 104 (with partial English translation of relevant passages) |
| AE | |

EXAMINER

Ramesh Patel

DATE CONSIDERED

2/11/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper #7

Sheet 1 of 1

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| | | FILING DATE October 27, 2000 | GROUP ART UNIT Not Assigned |

U.S. PATENT DOCUMENTS

| *EXAMINER | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|-----------|--------------|------|------|-------|-----------|-------------|
| AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

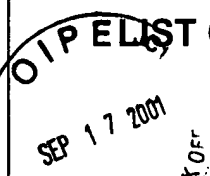
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO |
|-----|--------------|---------|---------|-------|-----------|-----------------------|
| 128 | AG 10-254513 | 9/25/98 | Japan | | | Yes |
| ↓ | AH 03022159 | 1/30/91 | Japan | | | Yes |
| | AI 62186634 | 8/15/87 | Japan | | | Yes |
| | AJ | | | | | |
| | AK | | | | | |
| | AL | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER <i>Ramesh Patel</i> | DATE CONSIDERED <i>2/11/04</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

ATTACHMENT 1(g)

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|  | LIST OF ADDITIONAL SUBMITTED DOCUMENTS | |
| | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| | FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| | FILING DATE October 27, 2000 | GROUP ART UNIT Not Assigned |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of any identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |

FOREIGN PATENT DOCUMENTS

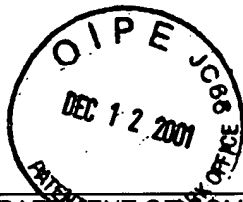
| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | <u>TRANSLATION</u> | |
|--|----|-----------------|------|---------|-------|---------------|--------------------|----|
| | | | | | | | YES | NO |
| | AD | | | | | | | |
| | AE | | | | | | | |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| | AF | "Notification of Reasons for Refusal (Office Action)", by Japanese Patent Office, August 28, 2001 |
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| EXAMINER | DATE CONSIDERED |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Paper # 8

Sheet 1 of 1

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| | | FILING DATE October 27, 2000 | GROUP ART UNIT |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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Technology Center 2100

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|----|----|-----------------|---------|---------|-------|---------------|-----------------------|--|
| RL | AG | 10-042380 | 2/13/98 | Japan | | | YES | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| | AL | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

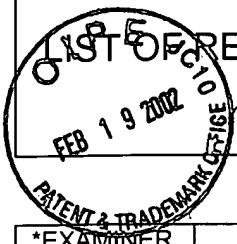
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| EXAMINER Ramesh Patel | DATE CONSIDERED 2/11/04 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Paper #9

Sheet 1 of 1

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| | | FILING DATE October 27, 2000 | GROUP ART UNIT 2121 |



U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

Technology Center 2100

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|----|----|-----------------|----------|---------|-------|---------------|-----------------------|--|
| Rf | AG | 05-265952 | 10-15-93 | Japan | 15 | 00 | X | |
| | AH | 07-297878 | 11-10-95 | Japan | 29 | 06 | X | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
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| EXAMINER <i>Reneby Patel</i> | DATE CONSIDERED <i>2/11/04</i> |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(g)

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|  | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1217.1009 | 09/674,175 |
| | FIRST NAMED INVENTOR | |
| | Nobuhiro II, et al. | |
| FILING DATE | | GROUP ART UNIT |
| October 27, 2000 | | 2121 |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of any identified copending application(s) is provided.

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|--|----|------------------------|----------|---------|-------|---------------|-----------------------|--|
| | AD | Notice of Rejection | 01/29/02 | Japan | | | X | |
| | AE | | | | | | | |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| EXAMINER | DATE CONSIDERED |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |

Page # 10

Sheet 1 of 1

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| | FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| | FILING DATE October 27, 2000 | GROUP ART UNIT 2121 |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
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| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO | |
|----|----|--------------|--------|---------|-------|-----------|-----------------------|--|
| RL | AG | 63-217401 | 9/1988 | Japan | | | Abstr | |
| RL | AH | 03-036602 | 2/1991 | Japan | | | Abstr | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| | AL | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
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| EXAMINER <i>Roonedy Patel</i> | DATE CONSIDERED <i>2/11/04</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS

| | |
|---|-------------------------------|
| ATTORNEY DOCKET NO. 1217.1009 | APPLICATION NO. 09/674,175 |
| FIRST NAMED INVENTOR Nobuhiro II, et al. | |
| FILING DATE October 27, 2000 | GROUP ART UNIT 2121 |

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| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
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| | AC | | | | | | | |
| | AD | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | TRANSLATION YES NO | |
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| | AE | Korean Office Action dated December 12, 2003. | | | | | X | |

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| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |